

REMARKS

Upon entry of the above amendment, claims 1-8, 10 and 12-14 will be pending in this application. Claims 1-8, 10 and 12-13 have been amended to include hydrates, solvates, salts, hydrates of the salts and solvates of the salts of the compounds of formula I. Specific basis for this amendment can be found at page 4, 4th paragraph.

Neither the amendments to the claims nor the addition of new claim 19 introduce new matter within the meaning of 35 U.S.C. §132. Accordingly, the Examiner is respectfully requested to enter the above amendment before examination.

If the Examiner has any questions regarding this submission, she is invited to telephone the undersigned attorney.

Respectfully submitted,
NATH & ASSOCIATES PLLC

By: 

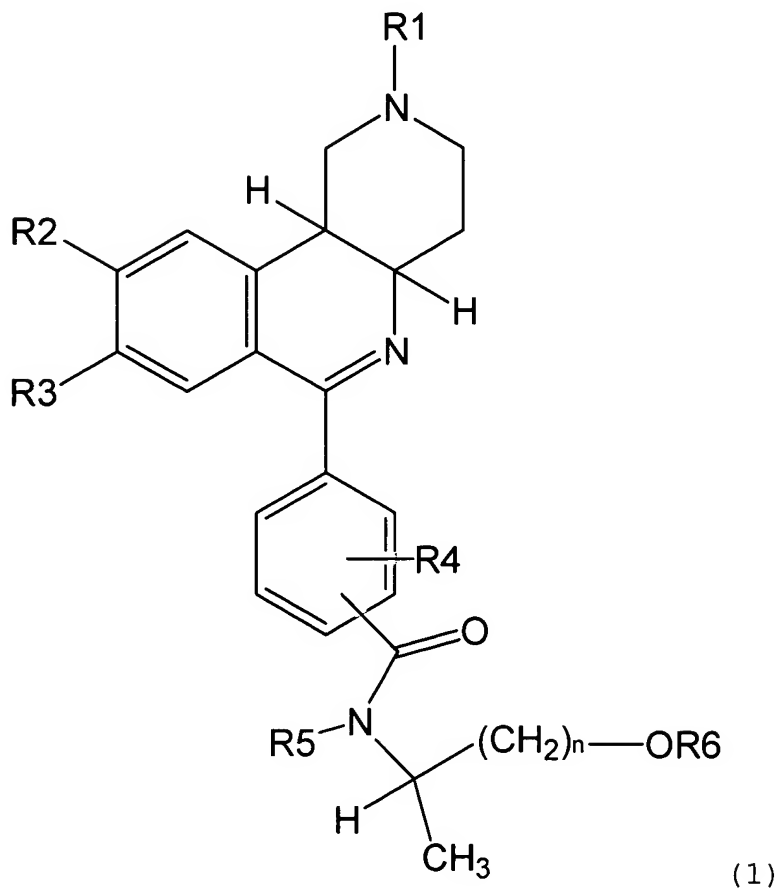
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Date: February 25, 2005
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DT01 Rec'd PCT/PTC 25 FEB 2005

Appendix AClaim Amendments

1. (Currently amended) A compound of formula 1,



in which

R1 is 1-4C-alkyl,

R2 is hydroxyl, 1-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or 1-4C-alkoxy which is completely or predominantly substituted by fluorine,

R3 is hydroxyl, 1-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or 1-4C-alkoxy which is completely or predominantly substituted by fluorine,

or in which

R2 and R3 together are a 1-2C-alkylenedioxy group,

R4 is hydrogen, halogen, nitro, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy,

R5 is hydrogen or 1-8C-alkyl,

R6 is hydrogen, 1-8C-alkylcarbonyl, 3-7C-cycloalkylcarbonyl, 3-7C-cycloalkylmethylcarbonyl, Arylcarbonyl, or Aryl-1-4C-alkylcarbonyl bedeutet,

Aryl is phenyl or phenyl substituted by R7 and/or R8,

R7 is halogen, nitro, 1-4C-alkyl or 1-4C-alkoxy,

R8 is halogen, nitro, 1-4C-alkyl or 1-4C-alkoxy,

n is 1 or 2,

or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt thereof, or an N-oxide thereof or a salt of the N-oxide ~~latter~~.

2. (Currently amended) A compound of formula 1 as claimed in claim 1, in which

R1 is 1-4C-alkyl,

R2 is 1-4C-alkoxy, 3-6C-cycloalkoxy, 3-6C-cycloalkylmethoxy,
or 1-4C-alkoxy which is completely or predominantly
substituted by fluorine,

R3 is 1-4C-alkoxy, 3-6C-cycloalkoxy, 3-6C-cycloalkylmethoxy,
or 1-4C-alkoxy which is completely or predominantly
substituted by fluorine,

R4 is hydrogen, halogen, nitro, 1-4C-alkyl, trifluoromethyl or
1-4C-alkoxy,

R5 is hydrogen or 1-4C-alkyl ~~1-4Calkyl~~,

R6 is hydrogen, 1-4C-alkylcarbonyl, 3-7C-cycloalkylcarbonyl,
3-7C-cycloalkylmethylcarbonyl, Arylcarbonyl or Aryl-1-2C-
alkylcarbonyl,

Aryl is phenyl or phenyl substituted by R7 and/or R8,

R7 is halogen, nitro, 1-4C-alkyl or 1-4C-alkoxy,

R8 is halogen, nitro, 1-4C-alkyl or 1-4C-alkoxy,

n is 1 or 2,

or a hydrate, solvate, salt, hydrate of a salt or solvate of a
salt thereof, or an N-oxide thereof or a salt of the N-oxide
latter.

3. (Currently amended) A compound of formula 1 as claimed in
claim 1, in which

R1 is methyl,

R2 is 1-4C-alkoxy,

R3 is 1-4C-alkoxy,

R4 is hydrogen,

R5 is 1-4C-alkyl,

R6 is hydrogen, 1-4C-alkylcarbonyl, Arylcarbonyl or Aryl-1-2C-alkylcarbonyl,

Aryl is phenyl or phenyl substituted by R7 and/or R8,

R7 is nitro, 1-2C-alkyl or 1-2C-alkoxy,

R8 is 1-2C-alkoxy,

n is 1 or 2,

or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt thereof, or an N-oxide thereof or a salt of the N-oxide latter.

4. (Currently amended) A compound of formula 1 as claimed in claim 1, in which

R1 is methyl,

R2 is methoxy or ethoxy,

R3 is methoxy,

R4 is hydrogen,

R5 is isopropyl,

and in which either

R6 is hydrogen, phenylcarbonyl, benzylcarbonyl, 4-nitrophenylcarbonyl, 3-4-dimethoxyphenylcarbonyl, 3-5-dimethoxyphenylcarbonyl or acetyl and

n is 1,

or

R6 is phenylcarbonyl, benzylcarbonyl or 3,4-dimethoxybenzylcarbonyl and

n is 2,

or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt thereof, or an N-oxide thereof or a salt of the N-oxide latter.

5. (Currently amended) A compound of formula 1 as claimed in claim 1, in which

R1 is methyl,

R2 is methoxy or ethoxy,

R3 is methoxy,

R4 is hydrogen,

R5 is isopropyl,

and in which either

R6 is hydrogen, benzylcarbonyl, 4-nitrophenylcarbonyl, 3,4-dimethoxyphenylcarbonyl, 3,5-dimethoxyphenylcarbonyl or acetyl and

n is 1,

or

R6 is phenylcarbonyl, benzylcarbonyl or 3,4-dimethoxy-benzylcarbonyl and

n is 2,

or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt thereof, or an N-oxide thereof or a salt of the N-oxide
~~latter.~~

6. (Currently amended) A compound of formula 1 as claimed in claim 1 selected from the group consisting of

Phenyl-acetic acid (S)-2-({1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl}-isopropyl-amino)-propyl ester,

Benzoic acid (S)-2-({1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl}-isopropyl-amino)-propyl ester,

3,4-Dimethoxy-benzoic acid (S)-2-({1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]-naphthyridin-6-yl)-phenyl]-methanoyl}-isopropyl-amino)-propyl ester,

3,5-Dimethoxy-benzoic acid (S)-2({1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]-

naphthyridin-6-yl)-phenyl]-methanoyl)-isopropyl-amino)-propyl ester,

Acetic acid (S)-2-({1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl)-isopropyl-amino)-propyl ester,

Benzoic acid 3-({1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl)-isopropyl-amino)-butyl ester,

Phenyl-acetic acid 3-({1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl)-isopropyl-amino)-butyl ester,

(3,4-Dimethoxy-phenyl)-acetic acid 3-({1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl)-isopropyl-amino)-butyl ester,

4-Nitro-benzoic acid (S)-2-({1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl)-isopropyl-amino)-propyl ester,

4-Nitro-benzoic acid (R)-2-({1-[4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-phenyl]-methanoyl)-isopropyl-amino)-propyl ester,

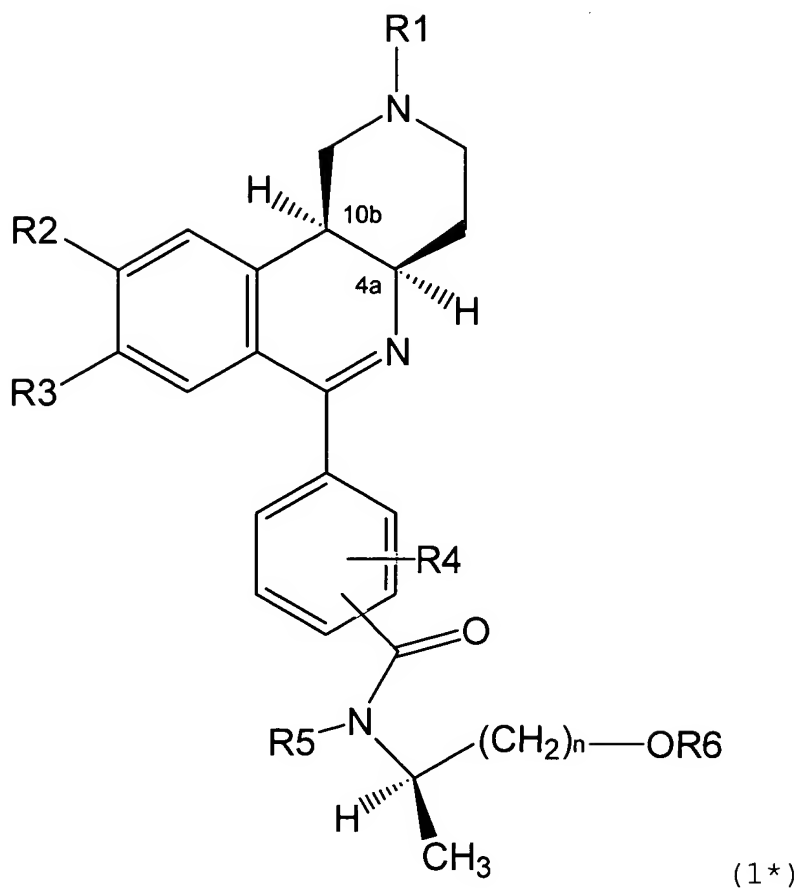
4-((4aR,10bS)-9-Ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-N-((S)-2-hydroxy-1-methyl-ethyl-N-isopropyl-benzamide,

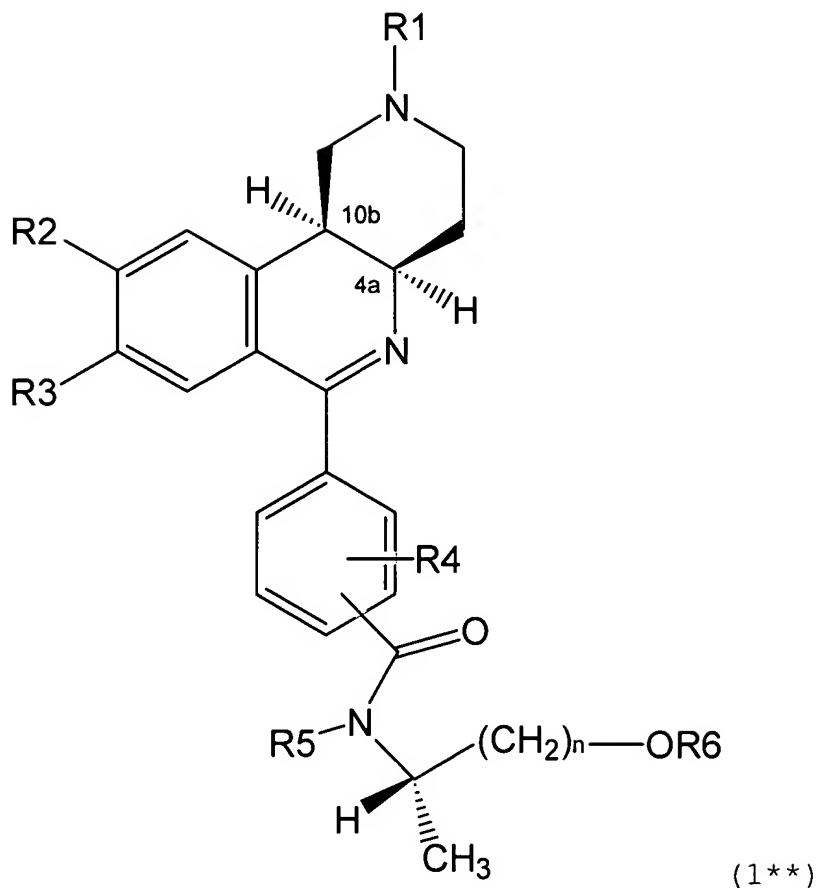
4-((4aR,10bS)-9-Ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydro-benzo[c][1,6]naphthyridin-6-yl)-N-((R)-2-hydroxy-1-methyl-ethyl-N-isopropyl-benzamide,

a hydrate, solvate, salt, hydrate of a salt or solvate of a salt thereof, [[or]] an N-oxide thereof [[or]] and a salt of the N-oxide latter.

7. (Currently amended) A compound of formula 1 as claimed in claim 1, in which the hydrogen atoms in positions 4a and 10b are in the cis position relative to one another, or a hydrate, solvate, salt, hydrate of a salt or solvate of a salt thereof, or an N-oxide thereof or a salt of the N-oxide.

8. (Currently amended) A compound of formula 1 as claimed in claim 1 which has [[have]] with respect to the chiral centers the configuration shown in formulae (1*) or (1**):





9. (Canceled)

10. (Currently amended) A pharmaceutical composition comprising one or more compounds of formula 1 as claimed in claim 1, or a pharmaceutically acceptable hydrate, solvate, salt, hydrate of a salt or solvate of a salt thereof, or an N-oxide thereof or a salt of the N-oxide, together with a pharmaceutically acceptable auxiliary and/or excipient ~~customary pharmaceutical auxiliaries and/or excipients.~~

11. (Canceled)

12. (Currently amended) A method for treating an illness treatable by the administration of a PDE3/4 inhibitor in a patient comprising administering to said patient in need thereof a therapeutically effective amount of a compound of formula 1 as claimed in claim 1, or a pharmaceutically acceptable hydrate, solvate, salt, hydrate of a salt or solvate of a salt thereof, or an N-oxide thereof or a salt of the N-oxide.

13. (Currently amended) A method for treating an airway disorder ~~disorders and/or dermatoses~~ in a patient comprising administering to said patient a therapeutically effective amount of a compound of formula 1 as claimed in claim 1, or a pharmaceutically acceptable hydrate, solvate, salt, hydrate of a salt or solvate of a salt thereof, or an N-oxide thereof or a salt of the N-oxide.

14. (New) A method for treating dermatoses in a patient comprising administering to said patient a therapeutically effective amount of a compound of formula 1 as claimed in claim 1, or a pharmaceutically acceptable hydrate, solvate, salt,

hydrate of a salt or solvate of a salt thereof, or an N-oxide thereof or a salt of the N-oxide.